THEORELL, H.

The essence and mechanism of the action of oxidizing enzymes. p. [illegible].
(POSTEPY BIOCHEMII. Vol. 2, no. 3, [illegible]. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, [illegible]ec. 19[illegible].
Uncl.

THER, F.

ANhydrous ammonia applicator for use in meadows and pastures. p. 475

Praha. MECHANISACE ZEMEDELSTVI. Vol. 9, no. 12, Dec. 1959.
Praha, Czechoslovakia

Monthly list of East European Accesion (EEAI) LC Vol. 9, no. 2
Feb. 1960. Uncl.

L 11098-66 EWA(d)/EWP(t)/EWP(z)/EWP(b) JD

ACC NR: AP6000600 SOURCE CODE: CZ/0034/65/000/012/907/907

INVENTOR: Thier, H. W. R.

26
B

ORG: none

TITLE: Heat-resistant chromium-molybdenum steel [CZ Pat PV 1987-62]

SOURCE: Hutnicke listy, no. 12, 1965, 907

TOPIC TAGS: steel, heat resistant steel, molybdenum containing steel, chromium containing steel

ABSTRACT: This patent introduces a heat-resistant chromium-molybdenum steel containing 0.12—0.25% C, 0.3% max Si, 7.5—8.5% Cr, 1.5—2.5% Mo, 3% of one or more of Va, W, Ti, B, Nb, Ta, N, and Co, and balance Fe. The S and P content should not exceed 0.02% each. This steel is intended for prolonged service at temperatures above 500C, especially for superheaters of steam boilers. Orig. art. has: 1 table. [WW]

SUB CODE: 11/ SUBM DATE: 31Mar62/ ATD PRESS: 4175

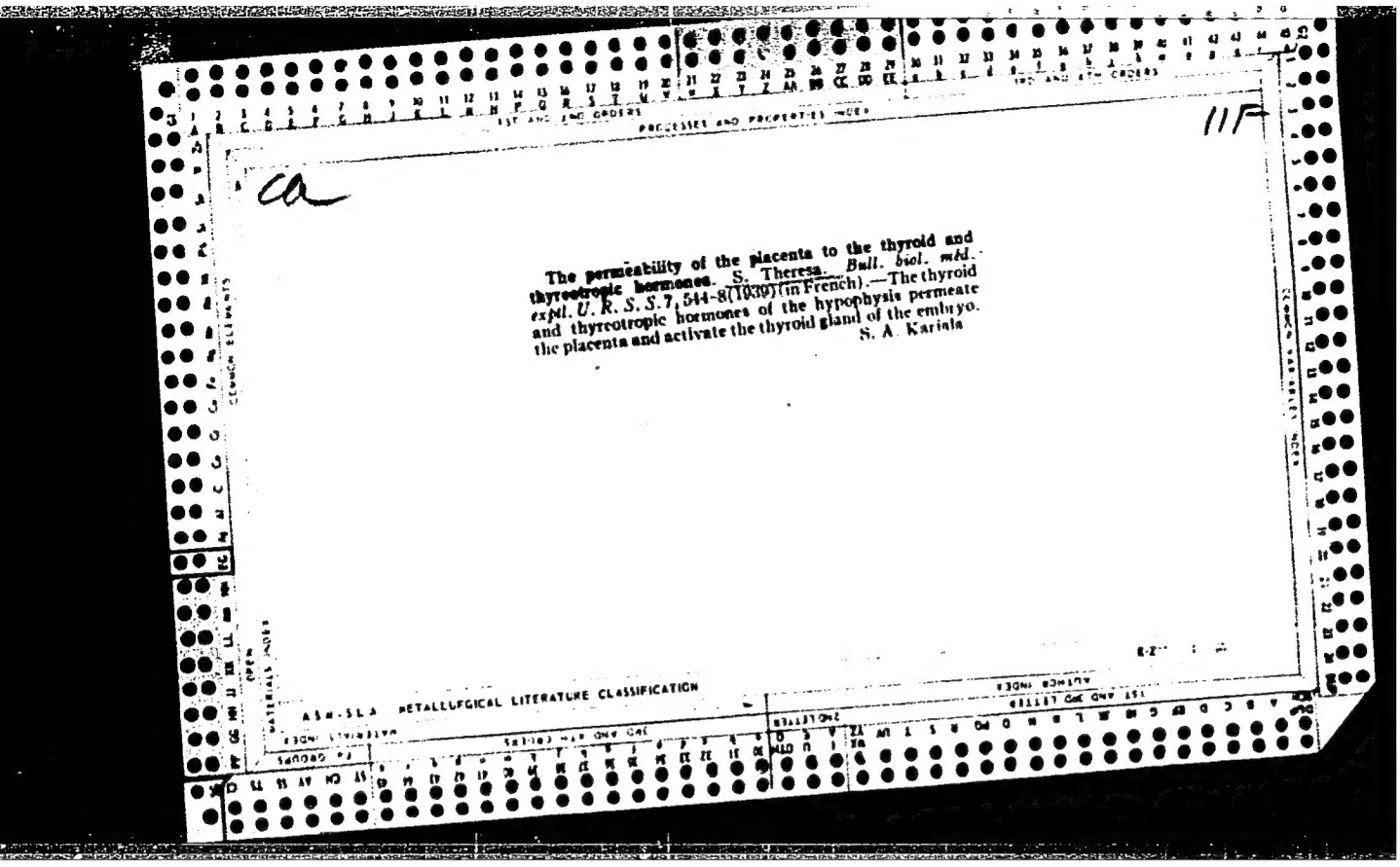
HW

Card 1/1

THER, Miroslav, inz., CSc.

Threshing efficiency of harvester cutters and the damaging of grain in chopping cereals. Zemedel tech 9 no. 5/6 381-400 D '63.

1. Fakulta mechanizace, Vysoka skola zemedelska, Praha.



The permeability of the placenta to the thyroid and thyreotropic hormones. S. Theresa. *Bull. biol. méd. expl. U. R. S. S.* 7, 544-8(1939)(in French).—The thyroid and thyreotropic hormones of the hypophysis permeate the placenta and activate the thyroid gland of the embryo.
S. A. Karisla

THERESE BONAFE, Marie M., Dr.

Contribution to the study of the overflowing brims of Krieger type of the overflowing brims of Krieger type in powerful flowing-down retention; effect of the bottom water against the upper water in flooded dams. Vodoprivreda Jug 2 no.7/8:256-257 '59. (EEAI 10:1)
(Dams) (Water) (Floods)

THERNESZ, Vilmos.Ifj.

Remarks. Elelm ipar 14 no.3/9:268 Ag-S '60.

1. Orszagos Malomipari es Termenytarolasi Kiserleti Intezet.

THERNESZ, Vilmos; VARGA, Istvan; VAJDA, Odon

The 1964 general meeting arranged by the Scientific Association of Agricultural and Food Industry. Elelm ipar 18 no.12:361-363 D '64.

1. Member, Presidium of the Scientific Association of Agricultural and Food Industry (for Varga). 2. Editor, "Elelmezesi Ipar" (for Vajda).

THERNESZ, V.

"Most Important Problems of the Milling Industry During the Second Quarter of the Crucial Year Under the Plan." p. 65 (Elemezesi Ipar. Vol. 6, no. 3, Mar, 1952 Budapest.)

Vol. 3, no. 6

SO: Monthly List of East European Accessions./Library of Congress, June 1954 Uncl.

THEUER, J., MUDr.

Apropos of the organization of preventive medical care for patients with vascular diseases of the CNS in Prague. Cesk. zdrav. 12 no.2: 60-66 F'64

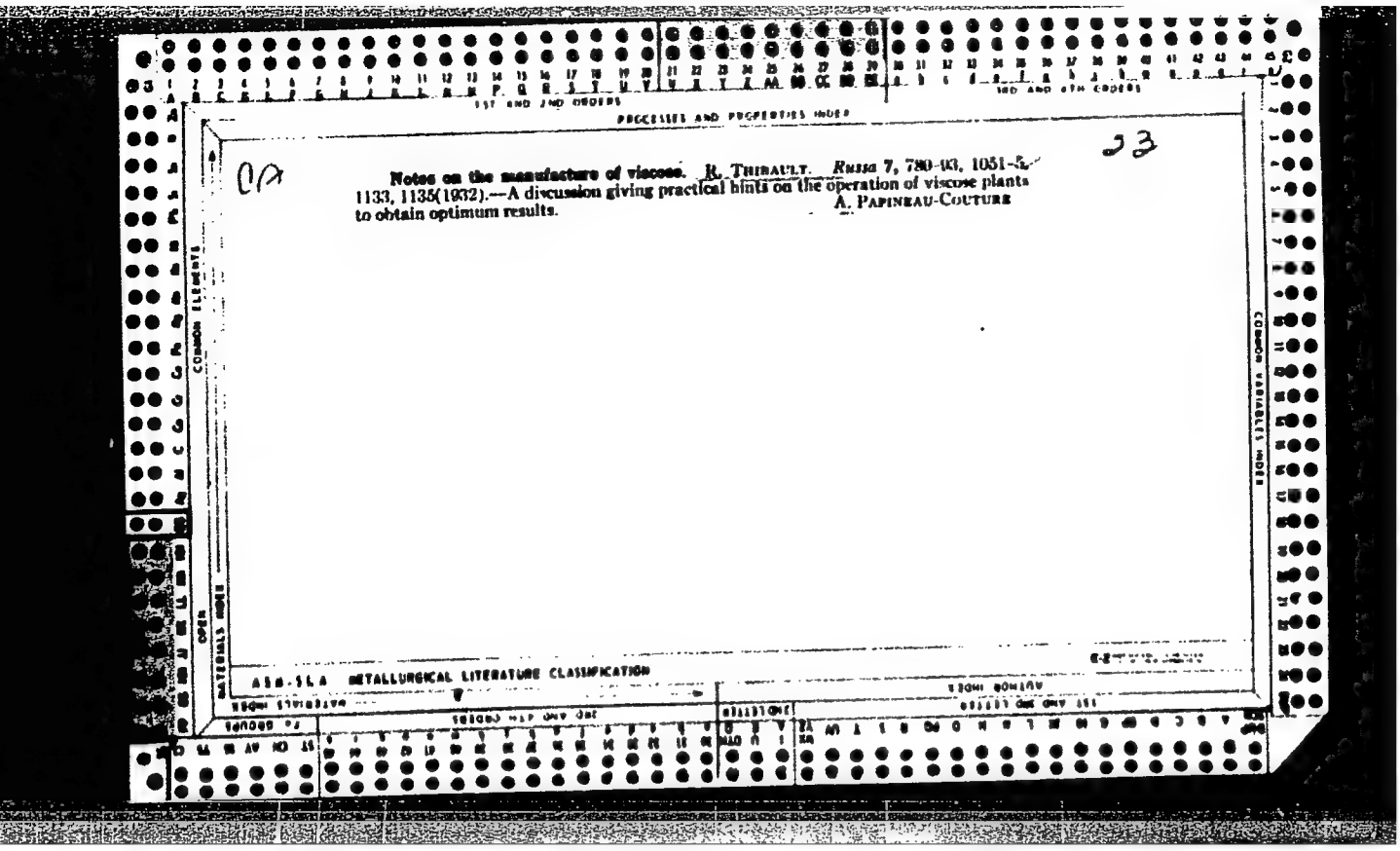
1. Organisacne metodicke oddeleni Ustavu narodniho zdravi NV hl. m. Prahy.

*

SAGI, Tamas, dr.; THIBALD, Miklos, dr.

Lymphangioma of the corpus uteri. Magy.noorv.lap. 26 no.5:280-284 S '63.

1. A Bajcsy Zsilinszky Korhaz Prosecturajanak es Nögyogyaszati Osztalyanak közlemenye.



Notes on the manufacture of viscose. R. THIBAULT. *Russa* 7, 780-93, 1051-5, 1133, 1135(1932).—A discussion giving practical hints on the operation of viscose plants to obtain optimum results.
A. PAPINEAU-COUTURE

TICHY, J.

Estimate of importance of temperature nonuniformities inside piezoelectric resonator. Chekhosl fiz zhurnal 15 no.3:214-215 '65.

1. Higher School of Mechanical and Textile Engineering, Liberec. Submitted September 9, 1964.

TICHY, M., inz. CSc.

Basic role of the reinforced concrete theory in the next 20 years; a discussion. Stav cas 12 no. 7:432-436 '64.

THIEBERGER, H.

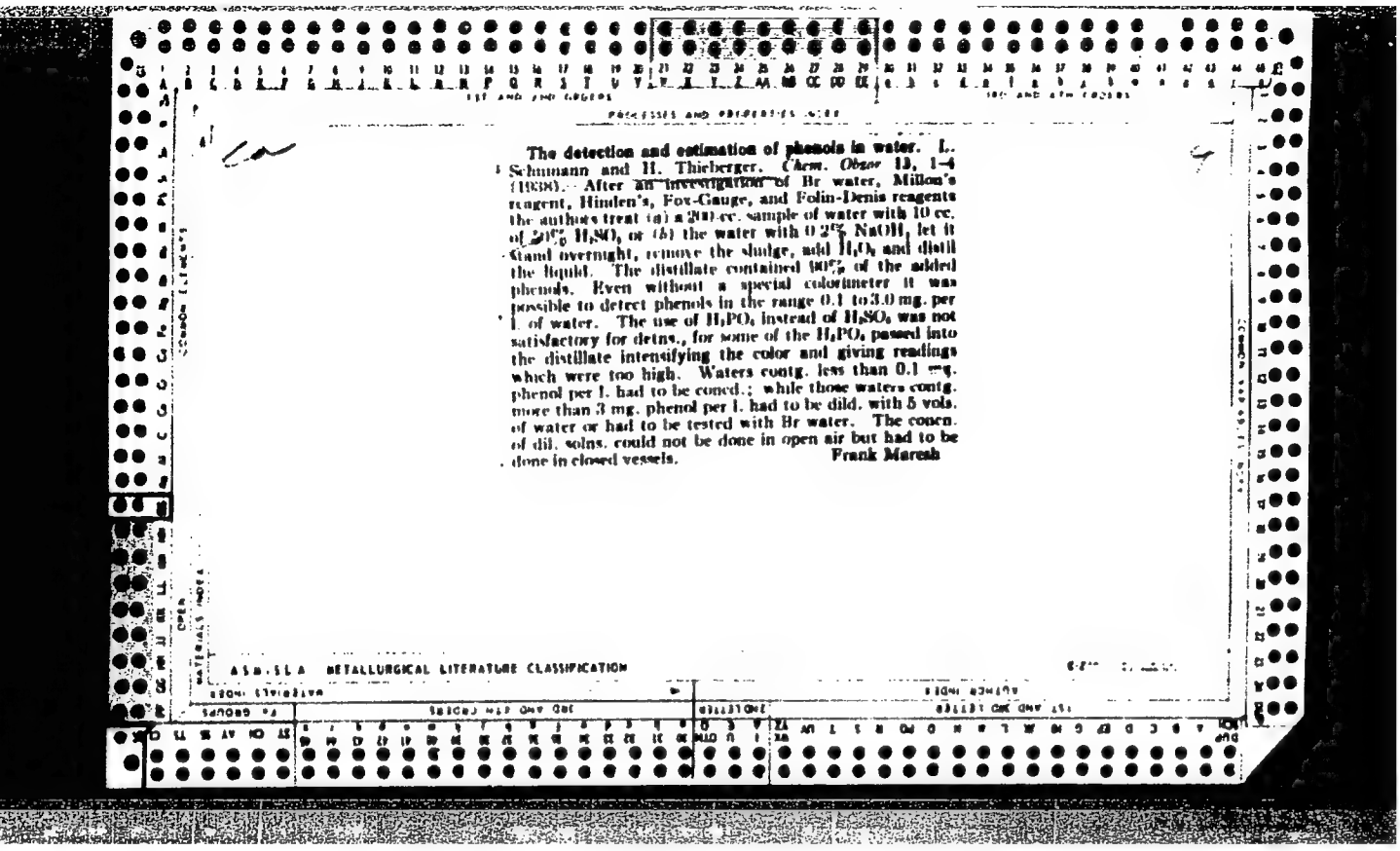
Thieberger

4238. EFFECT OF COAL PREPARATION IN EXTRACTION OF RAW MONTAN WAX. Thieberger, H. and Vcelak, V. (Paliva, Aug. 1950, vol. 30, 262-269).

Results are given of research and tests on an industrial scale by the Coal Research Institute in Prague on extraction by organic solvents, benzene in particular. Best results were obtained with a coal grain size of 8 to 20 mm depending on the type of coal and with a moisture content between 10 and 18%. Thermal pre treatment of the coal almost doubled the yield. Chemical pre treatment raised the pour point and altered other properties of the product. Electrical pre treatment is still in the experimental stage.

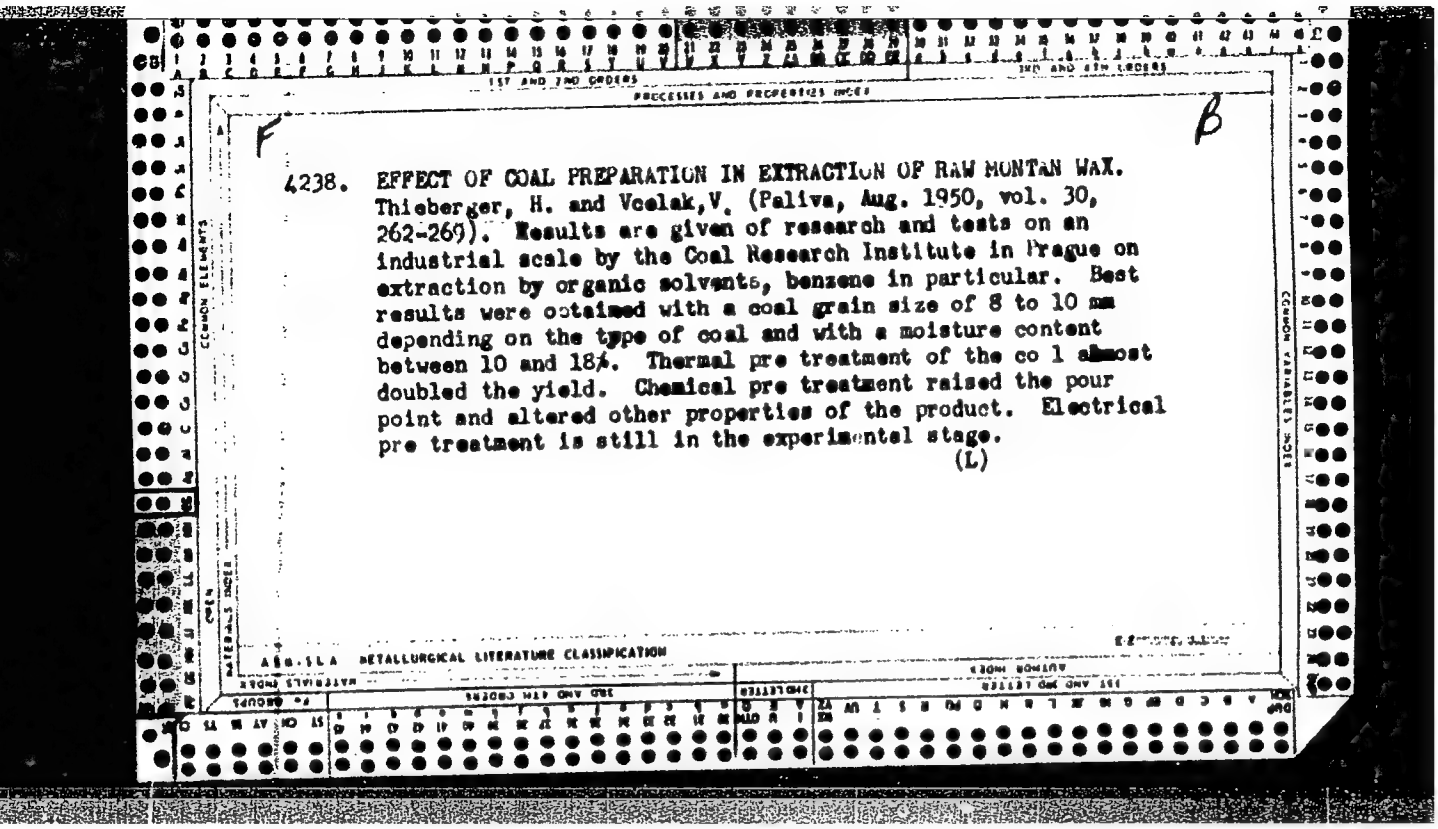
(L).

immediate source clipping



The detection and estimation of phenols in water. L. Schumann and H. Thieberger. *Chem. Obzor* **13**, 1–4 (1938). After an investigation of Br water, Millon's reagent, Hinden's, Fox-Gauge, and Folin-Denis reagents the authors treat (*a*) a 200-cc. sample of water with 10 cc. of 20% H_2SO_4, or (*b*) the water with 0.2% NaOH, let it stand overnight, remove the sludge, add H_2O_2 and distil the liquid. The distillate contained 80% of the added phenols. Even without a special colorimeter it was possible to detect phenols in the range 0.1 to 3.0 mg. per l. of water. The use of H_3PO_4 instead of H_2SO_4 was not satisfactory for detns., for some of the H_3PO_4 passed into the distillate intensifying the color and giving readings which were too high. Waters contg. less than 0.1 mg. phenol per l. had to be concd.; while those waters contg. more than 3 mg. phenol per l. had to be dild. with 5 vols. of water or had to be tested with Br water. The concn. of dil. solns. could not be done in open air but had to be done in closed vessels.

Frank Maresh



F

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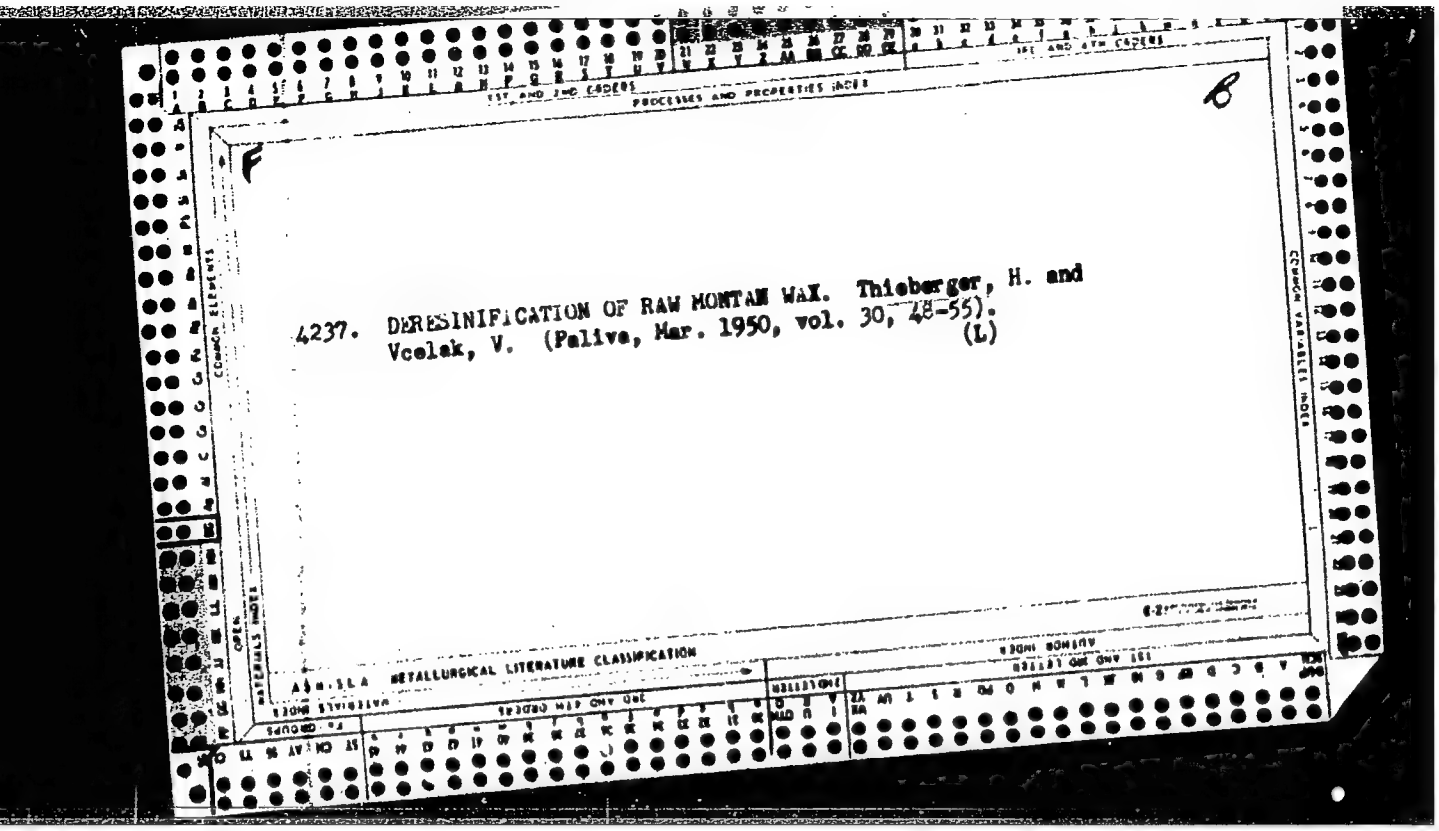
4238. EFFECT OF COAL PREPARATION IN EXTRACTION OF RAW MONTAN WAX. Thieberger, H. and Vcelak, V. (Paliva, Aug. 1950, vol. 30, 262-269). Results are given of research and tests on an industrial scale by the Coal Research Institute in Prague on extraction by organic solvents, benzene in particular. Best results were obtained with a coal grain size of 8 to 10 mm depending on the type of coal and with a moisture content between 10 and 18%. Thermal pre treatment of the co l almost doubled the yield. Chemical pre treatment raised the pour point and altered other properties of the product. Electrical pre treatment is still in the experimental stage. (L)



4237. DERESINIFICATION OF RAW MONTAN WAX. Thieberger, H. and Vcelak, V. (Paliva, Mar. 1950, vol. 30, 48-55). (L)

CA

21

The effect of coal preparation on yield of raw montan wax. Herbert Thieberger and Vladimir Večlák (Coal Research Inst., Prague, Czech.). *Palivo* 33, 202-9 (1950). --The pretreatment of coal has a marked effect on the yield of raw montan wax by extn. with org. solvents such as C_6H_6. The most convenient grain size for extn. is between 8 and 10 mm., depending on the coal type. The H_2O content should be between 10 and 18%. Thermal pretreatment of the coal at 250° under pressure may nearly double the yield of wax. Chem. pretreatment, such as by acid or base, effects a change in compn. as shown by a higher pour point and different phys. and chem. properties. Submitting coal to an elec. current increases the yield of wax as is indicated by preliminary work.

James L. Jezl

27

C.A.

Raw montan wax deresinification. Herbert Thieberger and Vladimír Věčák (Coal Research Inst., Prague). *Palivo* **30**, 47–55(1950).—The deresinification by benzene extn. is described. Depending upon the evapn. during crystn. waxes with a given amt. of resin can be obtained. Graphs and tables are included in an expt. for a no. of solvents and mixts.

A. Langer

THIEL, K.; KOWALCZYK, R.; TAIBERSKI, T.

Winter building activities and modern Danish building at the Copenhagen meeting. p. 24. (Budownictwo Przemyslowe, Vol. 5, No. 7/8, July/Aug 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

THIEL, K.

Investigation of the application of agents accelerating the curing of concrete with fast-hardening cement. p. 19.

(INZYNIERIA I BUDOWNICTWO. Vol. 14, No. 1, Jan. 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

THIEL, K.

"Planning the Organization of Reinforced-concrete Works by Using Movable Timber Forms", P. 4, (BUDOWNICTWO PRZEMYSŁOWE, Vol. 3, No. 12, December 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

THIEL, K.

THIEL, K. Method of proper economic evaluation of movable forms used in the construction of rein-forced-concrete industrial halls. p. 31. BUDOWNICTWO PRZEMYSLOWE. Warszawa, Poland. Vol. 4, No. 11, Nov. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

THIEL, K.

The construction of reinforced-concrete halls with thin shell roofs by means of sliding falsework.

P. 107 (Inzynieria I Budownictwo. Vol. 14, no. 3, Mar. 1957, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

THIEL, K.

For a proper economic evaluation of the method of sliding wall boarding in the reinforced concrete construction of industrial halls.

p. 31 (Budownictwo Przemysłowe) Vol. 4, No. 11, Nov. 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN 1958

THIEL, K.

"Direction Harmonogram for Pi[illegible]s of the [illegible] Hall", P. 2[illegible], ([illegible]
PRZEMYSLOWE, Vol. 3, No. 12, December 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Uncl.

THIEL, K.; MUTERMILCH, J.

Building constructions at the Brussels Universal and International Exhibition. p. 85.

INZYNIERIA I BUDOWNICTWO. (Naczelna Organizacja Techniczna i Polski Zwiazek Inzynierow i Techników Budowlanych) Warszawa, Poland.
Vol. 16, no. 3, Mar. 1959.

Monthly list of East European Accessions Index, (EEAI), LC, Vol. 8, no. 6, June 1959
uncla.

THEISS, EDE.

Korrelacio es trendszamitas. (Correlation and trend calculation)

Budapest, Hungary, Kozgazdasagi es Jogi Konyvkiado, 1958. 318 p.

Monthly List of East European Accessions (EEAI) LC, Voll. 8, No. 11, November 1959.
Uncl.

THIEME, J.

The standardization of gas meters. p.430
(POMIARY, AUTOMATYKA, KONTROLA, Vol. 2, No. 11, Nov. 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

THILME, J.

Polish optical industry in the 5-Year Plan.

p. 161 (Pomiary, Automatyka, Kontrola. Vol. 2, no. 5, May 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

THIEME, Jerzy.

Scientific problems in the field of automation and telemechanics.
Archiw automat 5 no.2:225-230 '60. (EEAI 9:10)

1. Polska Akademia Nauk, Zaklad Automatyki
(Automation) (Remote control)

THIEME, Jerzy, mgr., inz.

Standardization of tapes for recording apparatus. Normalizacja 29 no.9:417 '61.

1. Przewodniczacy Komisji Pomiarow Parametrow Techniki Cieplnej.

(Recording instruments)

THIENEMANA, H.

Strecker, W. and Thienemann, H.

The Action of Ozone on Alkali Metals, Ammonia, and Substitution Products of Ammonia.

Ber., 1920, 53, (B) pp. 2096-2113.

Journal of Chemical Society, 1921, p. 44

The action of ozone on solutions of the alkali and alkaline earth metals in liquid ammonia was investigated in the hope of elucidating the constitution of the products obtained by Traube and others by the action of ozone on concentrated sodium or potassium hydroxide solutions. Although precipatates were obtained which appeared to be ozonides of potassium, sodium, rubidium, caesium, calcium, and barium, these could not be obtained in a pure state on account of by-products formed by the action of ozone on ammonia. The compounds obtained were orange to brown in color, readily decomposed by water or dilute acids with evolution of oxygen, and giving the hydrogen perioxide reaction with titanium sulphate solution. The oxonides of bubidium and caesium are the most stable of those prepared.

Quantitative experiments on the action of ozone on liquid ammonia cooled in a carbon dioxide-ether mixture showed that the ozone was completely reduced, the products of the reaction being about 98% of ammonium nitrate and 2% of nitrite. When ozone is first passed into the liquid ammonia, an orange color appears which may be due to the formation of an unstable ozonide. Carefully dried ozone at first acts very slowly on liquid ammonia, but as the reaction [illegible]

Journal of Chemical Society, 1921, v. [illegible]

Hydroxylamine hydrate reacts readily with ozone, hydroxylamine nitrate being the principal product of the reaction. The reaction is not complete, excess of ozone being required. Hydrazine hydrate is oxidized by ozone principally to nitrogen and water, only small quantities of hydrazine and ammonium nitrates being formed.

Methylamine and ozone react to form formaldehyde with ammonium and methylammonium nitrate and nitrite. Dimethylamine reduces ozone rapidly and completely, the principal products identified being nitrate, nitrite, formaldehyde, and formic and acetic acids. The reaction between trimethylamine and ozone is explosive, even at the temperature of liquid ether-carbon dioxide mixture, and it was necessary to use a 5-10% solution of the amine in chloroform to study the reaction. The product of the reaction was trimethylamine oxide, $O:NMe_3$, which was precipitated from the chloroform as the hydrochloride, the hydrochloric acid being formed by the oxidizing action of ozone on chloroform.

2 of 2 cards

THIERRY, J.

Is industrialization the most proper way in the development of the building industry? p.2.

(INZYNIERIA I BUDOWNICTWO. Vol. 14, No. 1, Jan. 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

THIERRY, J.

Switchboard equipment made in Czechoslovakia .

p. 175 (Przeglad Telekomunikacyjny) Vol. 30, no. 6, June 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

THIERRY, J.

A discussions concerning the building law.

p. 268
Vol. 27, no. 8, Aug. 1955
PRZEGLAD BUDOWLANY
Warszawa

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

THIERRY, J.

Preliminary research in the field of applying automatic control and remote steering in the Polish building industry. p. 243. PRZEGLAD BUDOWLANY, Warszawa. Vol. 28, no. 6, June 1956.

SOURCE: East European Acession List (EEAL) Library of Congress Vol. 5, no. 8, August 1956.

THELEN, J.

Preliminary elaboration of an instruction regulating the duties and rights of a building foreman, p. 55. (PRZEGLAD BUDOWLANY, Warszawa, Vol. 27, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

THIERRY, J.

"System of premiums for technicians and engineers of the building industry in the Soviet Union." p. 385. (PRZEGLAD BUDOWLANY. Vol. 26, No. 12, Dec. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4, April 1955. Uncl.

THIERRY, J.

Polish Technical Abst.
No. 4, 1953
Mechanics, Electrotechnics, Power

2425 658.514:621.39:69

Popovics A., Thierry J. Telecommunication in the Dispatcher Service at Building Sites. Telekomunikacja na usługach służby dyspozytorskiej w budownictwie. Przegląd Techniczny. No. 1, 1953, pp. 17-21, 6 figs.

Telecommunication system adaptable for use in the dispatcher service in building practice. Operating features of telephone switchboards designed for use in building practice. Prototypes of Polish-designed dispatcher switchboards comply with the following requirements: 1) they are made entirely from materials available in Poland, 2) the design is specially adapted to the needs of the building dispatcher service.

THIERRY, Jozef (Warszawa)

Monolithic construction of apartment buildings in Austria.
Przegl budowl i bud mieszk 33 no.3:170-173 Mr'61.

THIERRY, Jozsef, doc. inz.

Preparations for construction of the house for the creative work of the construction engineer and technician. Przegl budowl i bud mieszk 35 no.1:56-57 Ja '63.

THIERRY, J.

"What should be improved in the dispatching service on the building site; our practice in the light of experiences gained during the building of the Palace of Culture and Science in Warsaw" (P. 71). PRZEGLAD BUDOWLANY (Naczelna Organizacja Techniczna i Polski Zwiazek Inzynierow i Technikow Budownictwa) Warszawa, Vol. 26, no. 3, Mar. 1954.

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

Thiessen, D.

TIESSEN, P. [Thiessen, P.]; SHTUDEN, A.

Influence of monomolecular layers of soluble and insoluble surface-active substances on the dissipation energy of stationary surface waves. Dokl. AN SSSR 163 no.4:939-942 Ag '65. (MIRA 18:8)

1. Institut fizicheskoy khimii Germanskoy Akademii nauk, Berlin, Germanskaya Demokraticheskaya Respublika i Institut fizicheskoy khimii Bolgarskoy Akademii nauk, Sofiya. Submitted May 12, 1965.

Kinetics of photoconduction in SiC

G/030/63/003/003/007/007
B107/B186

seems that the lifetimes in pure SiC crystals compare well with those measured for germanium and silicon. There are 5 figures.

ASSOCIATION: Physikalisch-Technisches Institut der Deutschen Akademie der Wissenschaften zu Berlin (Physicotechnical Institute of the German Academy of Sciences in Berlin)(K. Thiessen, G. Jungk); Physikalische Fakultät der Staatlichen Lomonossow-Universität, Moskau (Department of Physics of the Moscow State University imeni M. V. Lomonosov)(V. D. Yegorov)

SUBMITTED: December 27, 1962

Card 2/2

EOLLOS, Zoltanne, dr.; HASKO, Ferenc; JENEY, Zoltan; BOGDAN, Laszlone; BORSI, Miklos; ERDOS, Elemer; HALMOS, Laszlone; JENEY, Ivan; KARL, Imre; KONTA, Laszlo; SAGI, Lajos; SIPOS, Lajos; STENGER, Vilmos; TIHANYI, Kalman

Removal of galvanic copper, nickel and chromium coatings. Gepgyartastechn 2 no.8:319 Ag '62.

KOYKOV, S.N.; THIKIN, A.N.

Solution of the problem of thermal breakdown of inhomogeneous dielectrics with asymmetrical boundary conditions. Fiz. tver. tela 3 no.9:2553-2563 S '61. (MIRA 14:9)

1. Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina.

(Dielectrics)

SULESTROWSKI, Waldemar; THILLE, Zbigniew

Excessive concern as a negative factor in psychiatric therapy.
Wiad. lek. 18 no.4:325-329 15 F '65

1. Z Kliniki Chorob Psychicznych Akademii Medycznej w Gdansku
(Kierownik: prof. dr. T. Bilikiewicz).

THILLE, Zbigniew; ZGIPSKI, Ludomir

A case of hallucinosis acuta alcoholica observed during the course of a simple schizophrenia. Neurol. neurochir. psychiat. Pol. 15 no.2:339-340 Mr-Ap '65.

1. Z Kliniki Chorob Psychicznych AM w Gdansku (Kierownik: prof. dr. T. Bilikiewicz).

COUNTRY : GDR
CATEGORY : Inorganic Chemistry. Complex Compounds
ABS. JOUR. : RZKhim., No. 1 1960, No.668

AUTHOR : Thilo, E.; Feldmann, W.
INST.
TITLE : Chemistry of Condensed Phosphates and Arsenates. XXII. Role of Cations in Paper Chromatography of Condensed Phosphates

ORIG. PUB. : Z. anorgan und allgem. Chem., 1959, 298, No 5-6, 316-336

ABSTRACT : Polyphosphates (P) were studied by the method of paper chromatography. The experiments were conducted in an acid medium, using as a solvent a mixture of iso-C_3H_7OH (70 cm^3), H_2O (10 cm^3) and CCl_3COOH (20 cm^3), with the addition of small quantities of NH_4OH and other hydroxides of single-charge cations. It was shown that in the series $(CH_3)_4NOH$, LiOH, NH_4OH, NaOH and KOH,

CARD: 1/3

C

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. 1 1960, No. 668

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : the separating action of cations increases,
cont'd but there is a decrease of the number of P which can be separated from one another. The increase of the quantity of cation (in the case of NH_4OH, LiOH, NaOH) improves the separating action of the solvent but, at the same time, diminishes the number of P which can be separated from one another. During paper chromatography with the use of the solvent, free

CARD: 2/3

COUNTRY :
CATEGORY : C

ABS. JOUR. : RZKhim., No. 1 1960, No.668

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : from cation additions, P move like free acids;
cont'd cations introduced along with P move independently of phosphate anions and apparently in the form of trichloroacetates. The presence of small quantities of single-charged cations is also indispensable for the study of the solubility of P, depending on their molecular weight and structure. Report XXI, see RZhKhim., No 16, 1959, No 56609.-- Yu. Muromskiy

CARD: 3/3

HUNGARY/Inorganic Chemistry. Complex Compounds. C

Abs Jour: Ref Zhur-Khim., No 13, 1958, 42818.

Author : Thilo E.
Inst : Hungarian Academy of Sciences.
Title : Chemistry of Condensed Phosphates.

Orig Pub: Acta chim. Acad. sci. hung., 1957, 12, No 2, 221-240.

Abstract: A review. Bibliography 14 references.

Card : 1/1

30171
S/070/61/006/006/001/008
E132/E135

15 8180

AUTHORS: Thilo, Erich and Jost, Karl Heinz

TITLE: Data on the structures of anion chains in water-insoluble, crystalline, high-molecular-weight alkali polyphosphates. Preliminary structural data on $[Na_2H(PO_3)_3]_x$ and on the B-form of the Kurrol salt $Na_nH_2P_nO_{3n+1}$

PERIODICAL: Kristallografiya, v.6, no.6, 1961, 828-830

TEXT: So far four types of anion chains have been found in polyphosphates: (a) $(LiPO_3)_x$ type with repeat 5.2 Å; (b) $(RbPO_3)_x$ type with repeat 4.2 Å; (c) Maddrell salt (high temp. form) with repeat 7.0 Å (over 3 tetrahedra); (d) Kurrol salt, A-$(NaPO_3)_x$ with a spiral structure of repeat distance 6.1 Å over 4 tetrahedra. J.W. Gryder, G. Donnay and H.M. Ondik (Ref.8: Acta crystallog., II, 38, 1958) have described a unit cell for "Form I of $Na_2P_4O_{11}$" with space group $P2_1/a$ and cell dimensions $a' = 30.7$, $b' = 6.77$, $c' = 7.12$ Å and $\beta' = 94.0^o$. This material, from its description and method of preparation, appears identical with $[Na_2H(PO_3)_3]_x$

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S/070/61/006/006/001/008
E132/E135

Data on the structures of anion ....

which has the space group $P\bar{1}$ (possibly P1) and dimensions $a = 7.72$, $b = 6.76$, $c = 7.11$ Å; $\alpha = 90.6°$, $\beta = 92.4°$, $\gamma = 103.1°$, $Z = 2$. Preliminary structure analysis shows chains with a repeating unit of three tetrahedra (Dreierketten) parallel to the y-axis. For the B-form of Kurrol salt the same cell as that found by D.E.C. Corbridge (Ref.9 Acta crystallogr., 8, 520, 1955) is found. The anion chain is a helix with four tetrahedra per turn having its axis parallel to b. The Na ions which in the A-form are 5-coordinated by O here have 6-coordination.
There are 3 figures and 9 references: all non-Soviet.
The English language references read as follows:
Ref.1: W. Hilmer, Acta crystallogr., 9, 87, 1956.
Ref.2: D.E.C. Corbridge, Acta crystallogr., 9, 308, 1956.
Ref.6: E.J. Griffith, J.Amer.Chem.Soc., Vol.78, 3867, 1956.
Ref.8: as in text above.
ASSOCIATION: Berlin, Adlerskhof, Institut neorganicheskoy khimii, Nemetskoy Akademiya nauk (Berlin, Adlershof, Institute of Inorganic Chemistry, German Academy of Sciences)

SUBMITTED: June 19, 1961

Card 2/2

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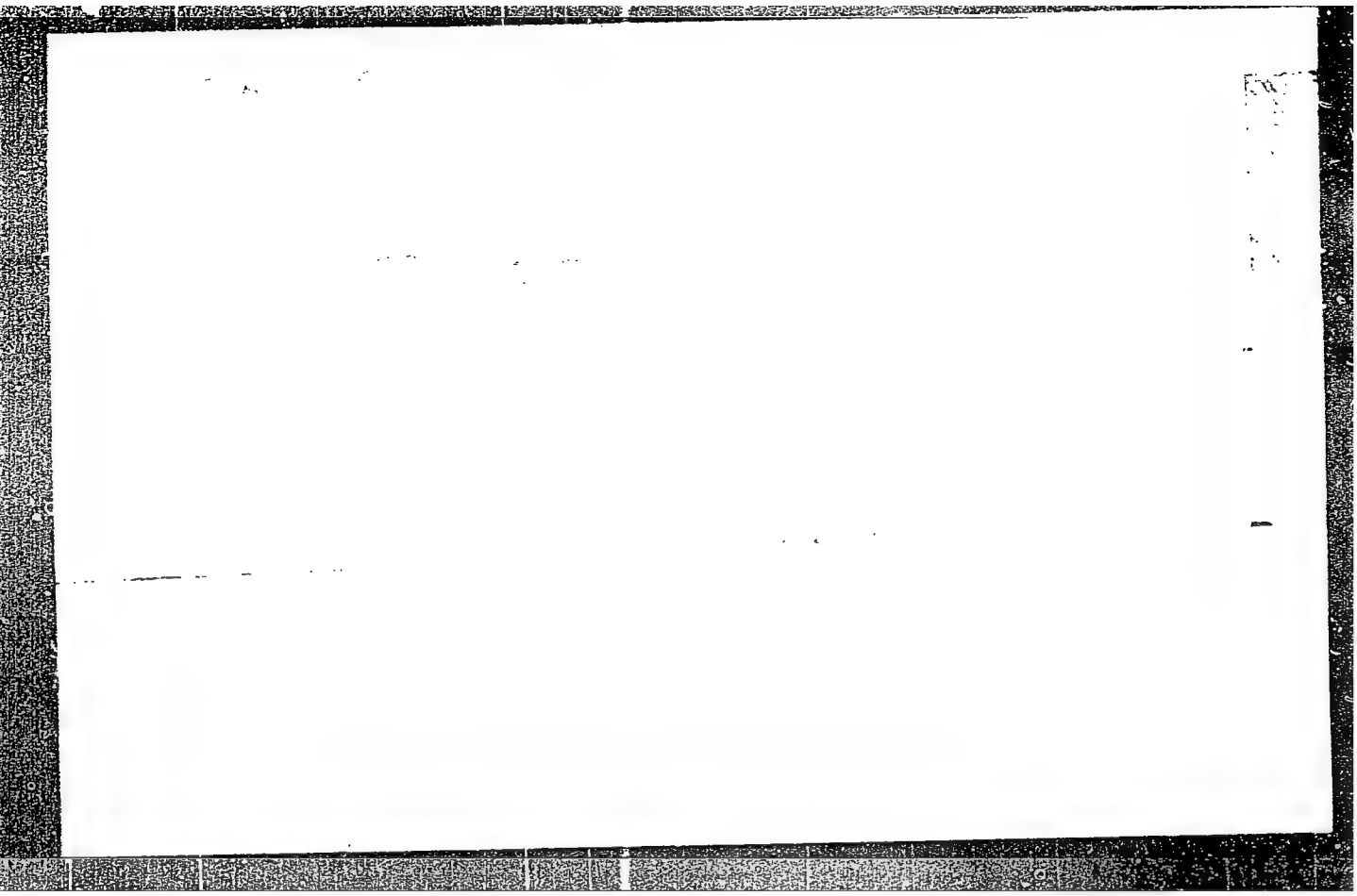
1. Instytut Chemii Nieorganicznej, Niemiecka Akademia Nauk, Berlin.



APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001755520011-4"

Thim, K.

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Country : CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Leather, Fur. Gelatine. Tanning Materials. Industrial

Abs. Jour : Ref. Zhur. - Khim., No. 20, 1959, Materials 37672.

Author : Thim K.

Institut. : Not given.

Title : Trends in Developing Fermentative Hair Removal from Hides.

Orig. Pub. : Kozarstvi, 1958, 8, No. 9, 265.

Abstract : No abstract.

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H-176

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HORANSKY, V.; SOLTES, L.; THOLT, R.; HLAVCO, J.; MERKA, J.

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(EMPYEMA)

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Periodical: KVASNY PRUMSYL. Vol. 4, no. 9, Sept. 1958

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Praha, Czechoslovakia Vol. 5, no. 9, Sept. 1959.

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H-9

COUNTRY : Poland
CATEGORY :

ABS. JOUR. : RZKhim., No. 5 1960, No. 18321

AUTHOR : Thom, R.
INST. : Not given
TITLE : New Advances in the Treatment of Dairy Wastes

ORIG. PUB. : Gaz, Woda i Techn Sanit, 33, No 7, 266-268 (1959)

ABSTRACT : A review of literature data.

M. Lapshin

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Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32960.

Author : Rudolf Thom.
Inst : Not given.
Title : The Most Important Methods of Purification of Waste Waters from Dairy Product Factories.

Orig Pub: Przegl. mleczarski, 1957, 5, No 8-9, 23-26.

Abstract: No abstract.

Card : 1/1

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HUNGARY

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Budapest, A Magyar Tudomanyos Akademia Biologiai Tudomanyok Osztalyanak Kozlemenyei, Vol IX, No 3-4, 1966, pages 263-282.

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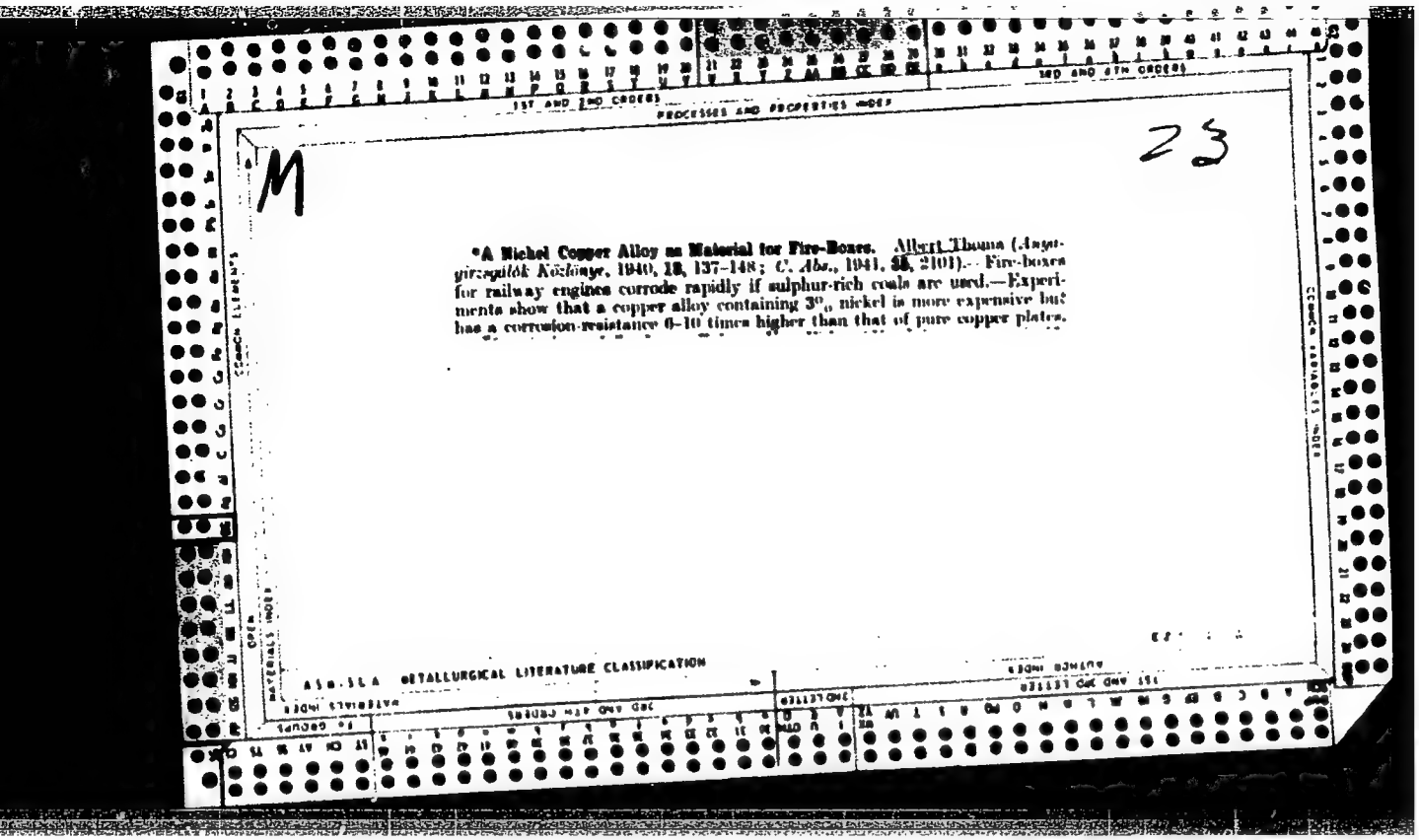

M

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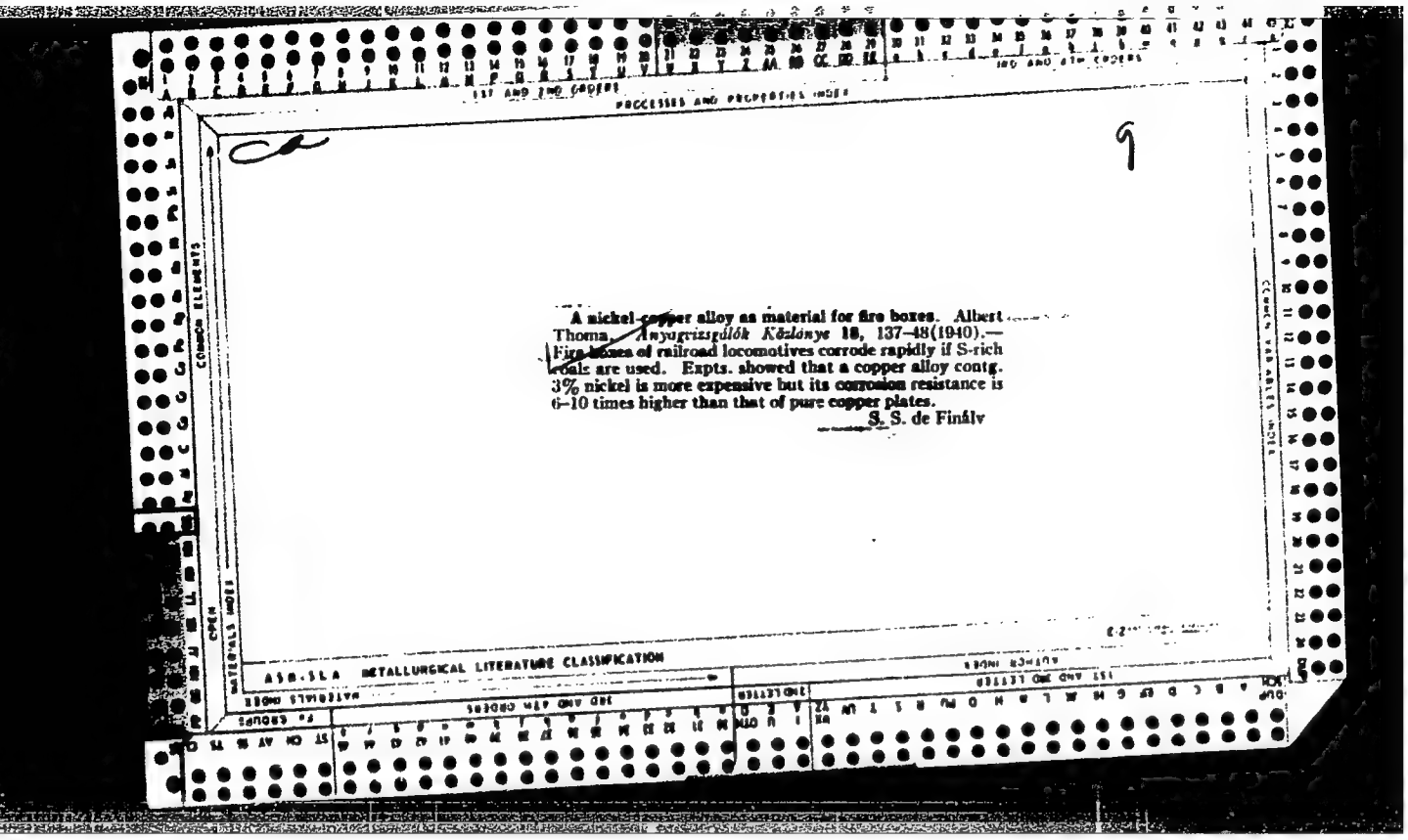
*A Nickel Copper Alloy as Material for Fire-Boxes. Albert Thuma (*Angewandte Kolloide*, 1940, **13**, 137–148; *C. Abs.*, 1941, **35**, 2101).—Fire-boxes for railway engines corrode rapidly if sulphur-rich coals are used.—Experiments show that a copper alloy containing 3% nickel is more expensive but has a corrosion-resistance 6–10 times higher than that of pure copper plates.



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1. Bridge Division of the Department of Railways of the Ministry of Transportation and Postal Affairs, Budapest. 2. Road and Railroad Planning Enterprise, Budapest.

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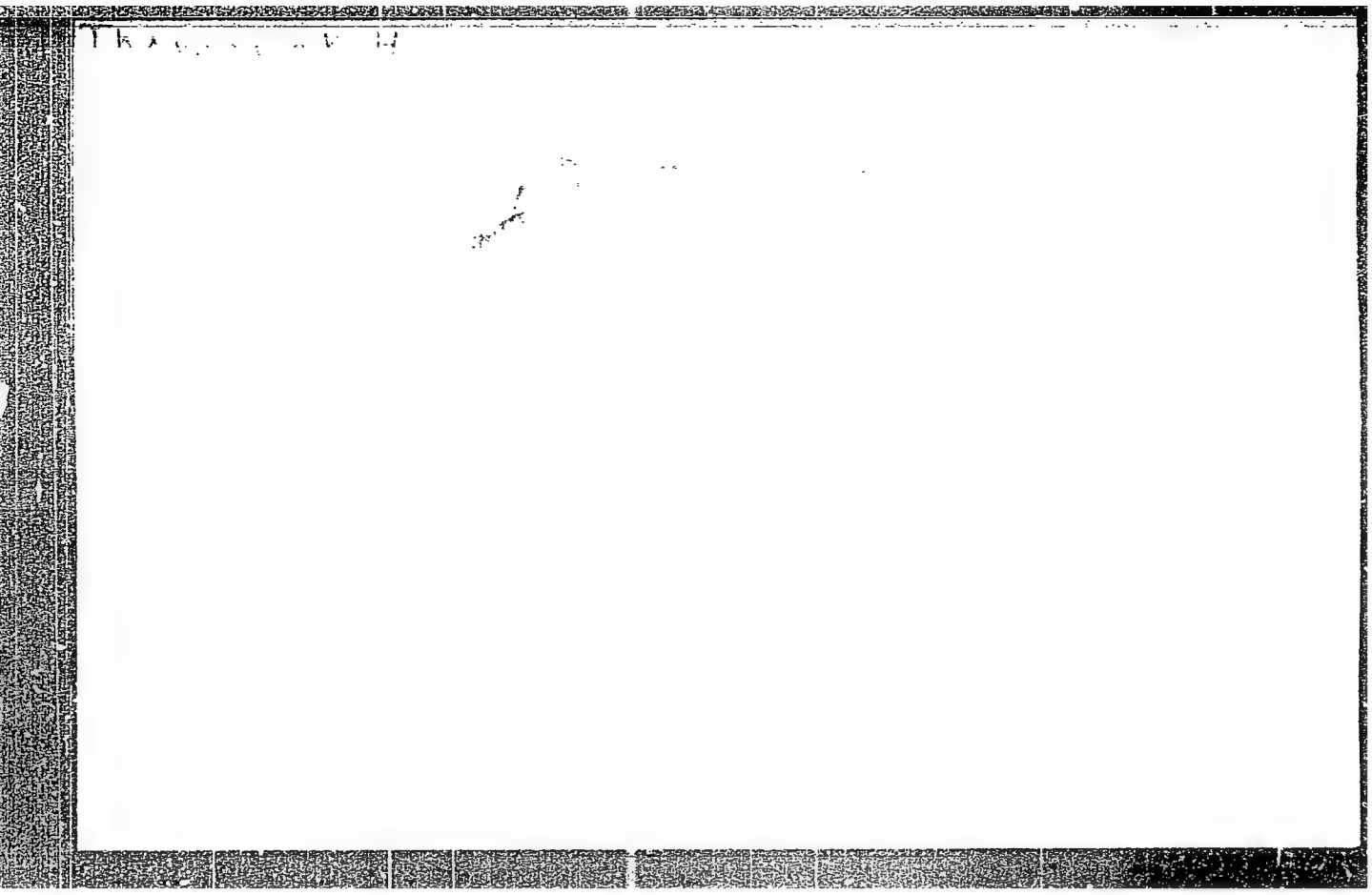

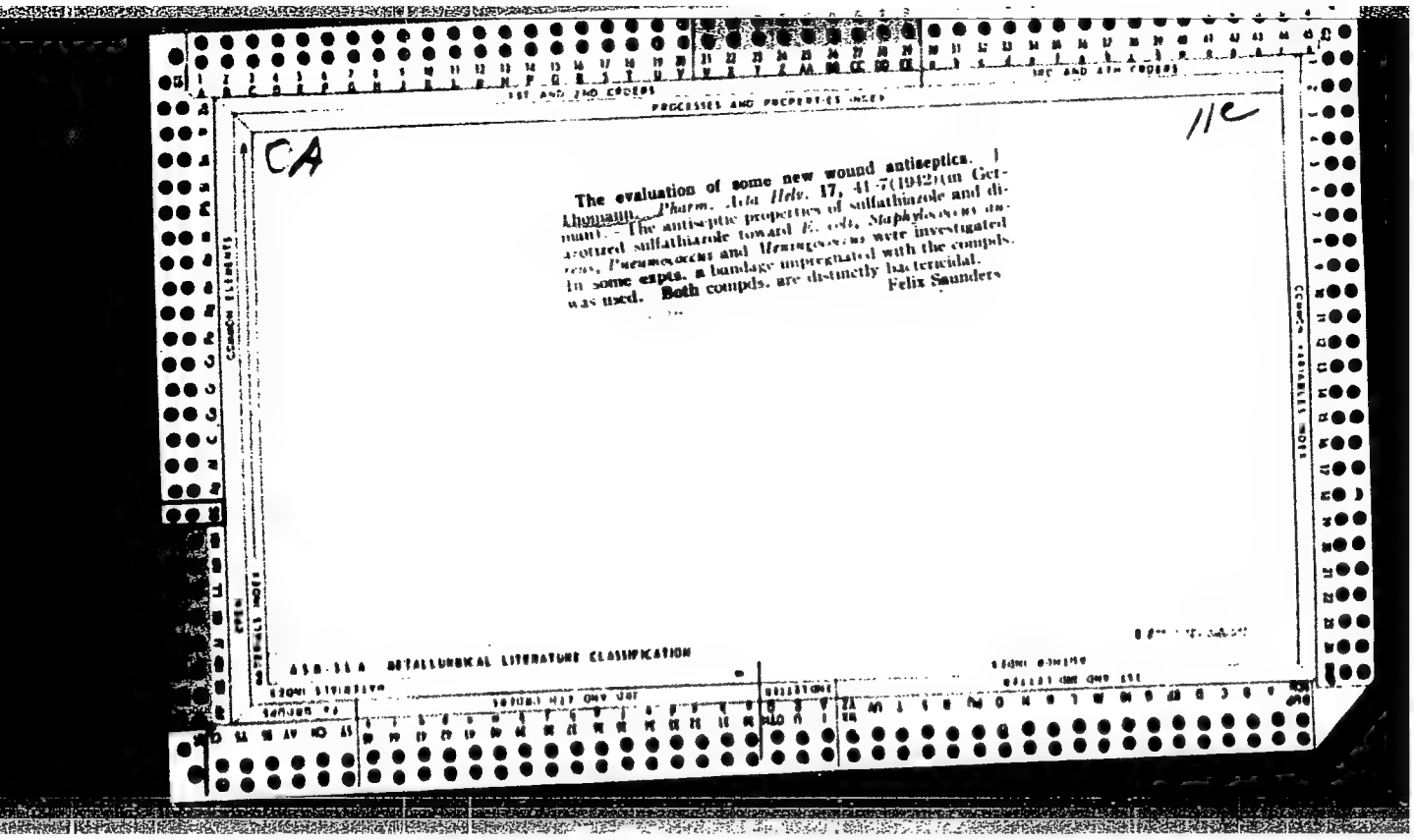

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1. Laboratory of Physical Chemistry, Institute of Inframicrobiology of the Rumanian Academy, Bucharest, 285 Sos. Mihai Bravu (for Horer). 2. Research Center of the Ministry of Health and Social Welfare, 37 C.A.Rosetti Street (for Thomas, Mira, Nicolau).

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